

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A heat exchanger having a plate-type design, comprising:
 - at least two adjacent heat exchanger plates defining an interspace through which a heat exchanger medium, or a second medium, to be cooled or to be heated flows, wherein the at least two adjacent heat exchanger plates are arranged in a stack, and
 - a base plate, wherein the base plate is provided at one end of the stack,
 - wherein the base plate is in at least substantially flat, direct contact with an adjacent outermost heat exchanger plate of the heat exchanger,
 - wherein the base plate comprises a depression with a contour having a shape that is the same shape as an entire outer edge of a bottom surface of the adjacent outermost one of the heat exchanger plate plates.
2. (Previously Presented) The heat exchanger as claimed in claim 1, wherein flanks of the outermost heat exchanger plate bear, at least in a lower region of the flanks, against flanks of the contour of the base plate, wherein the contour formed by the depression is recessed in the base plate.
3. (Previously Presented) The heat exchanger as claimed in claim 1, wherein one edge of the outermost heat exchanger plate protrudes over the base plate.
4. (Previously Presented) The heat exchanger as claimed in claim 1, wherein the depression in the base plate has a thickness greater than a material thickness of one of the at least two heat exchanger plates.
5. (Currently Amended) The heat exchanger as claimed in claim 1, wherein the depression in the base plate has a depth at least as great as a material thickness of one of the heat exchanger plates plus half of a clear height between the adjacent outermost heat exchanger plate, which bears against the base plate, and a second outermost heat exchanger plate.

6. (Previously Presented) The heat exchanger as claimed in claim 1, wherein the depression in the base plate is at least as deep as a material thickness of one of the at least two heat exchanger plates plus a clear height between the outermost heat exchanger plate, which bears against the base plate, and a second outermost heat exchanger plate.
7. (Previously Presented) The heat exchanger as claimed in claim 1, wherein the contour in the base plate is produced by embossing, casting or machining.
8. (Previously Presented) The heat exchanger as claimed in claim 1, wherein the base plate has at least one supply opening for the heat exchanger medium or the second medium.
9. (Previously Presented) The heat exchanger as claimed in claim 1, wherein the heat exchanger is a charge-air/coolant cooler.
10. (Previously Presented) The heat exchanger as claimed in claim 1, wherein the heat exchanger is an oil cooler.
11. (Previously Presented) The heat exchanger as claimed in claim 1, wherein the heat exchanger is an exhaust gas cooler.
12. (Previously Presented) The heat exchanger as claimed in claim 1, wherein the heat exchanger is an evaporator.
13. (Currently Amended) The heat exchanger as claimed in claim 1, wherein the contour of the depression has a shape that matches a shape of the outer edge of the bottom surface of the adjacent outermost [[one]] heat exchanger plate.
14. (New) The heat exchanger as claimed in claim 1, wherein the depression comprises a curved portion of the depression of the base plate which transitions from a bottom surface of the depression to a side wall of the depression, wherein the curved portion of the depression is in contact with a corresponding curved portion of the adjacent outermost heat exchanger

plate which transitions from the bottom surface of the adjacent outermost heat exchanger plate to a side wall of the adjacent outermost heat exchanger plate.